SOS Facility Check List

- ☐ Exhibit Area
  - ☐ Projectors, sphere, and computer
  - ☐ Footprint -- See diagram. Generally need 30' x 30' square area
  - ☐ Projectors go at the corners of the square
  - ☐ NC (Network Control) computer is generally near by -----
  - ☐ Power
    - ☐ 3.5 AMPS of power at each projector location. UPS mounted near projector
  - ☐ Audio
    - ☐ Four speakers mounted on ceiling near projector
  - ☐ Need lockable cabinet for Network Control computer (NC)
  - ☐ Light levels
    - ☐ Look for direct lighting, big windows that will shine on the sphere

- ☐ General power requirements for whole system
  - ☐ Each computer needs 3 AMPS
  - ☐ Each projector needs 3.5 AMPS
  - ☐ Few amps for other pieces

- ☐ Cable and Conduit Runs
  - ☐ Video cables go from display computer to each projector
    - ☐ Please estimate distance from computer room to projectors
  - ☐ Each projector needs power/UPS
  - ☐ Audio speakers need power
  - ☐ One CAT6 cable run from computer room to NC computer
    - ☐ Please estimate distance for this CAT 6 run
    - ☐ Audio cable from NC to speakers

- ☐ Computer room
  - ☐ Space
    - ☐ NC (Network Control computer) - Location needs to be "near" sphere for remote control to work. This computer should be near exhibit
    - ☐ Four display computers + one spare -- shelf space for five (5) Dell mid-towers
  - ☐ Power
    - ☐ Each computer uses up to 300 - 400 watts -- (2000) watts for five
    - ☐ All systems are on a UPS
    - ☐ Generally, need two 20-AMP circuits
  - ☐ Cooling (very important!)
    - ☐ Require adequate cooling via A/C and proper air flow around the systems
    - ☐ Systems run hot!!!!!